

DATE: August 19, 2010
TO: BOL File
FROM: Bruce Everetts, OSE
SUBJECT: LPC# 1010150004 – Lawrence County
Pioneer Asphalt Company

On July 1, 2010, Illinois EPA signed an order to seal the Pioneer Asphalt Site due to the threat that the site posed to human health and the environment. On July 19 – 20, 2010, representatives from Illinois EPA, U.S. EPA Region 5, and Pioneer Environmental conducted reconnaissance and sampling activities at the sealed site.

The purpose of this inspection was to gather information that would support a time-critical removal referral to U.S. EPA Region 5. Eight samples were collected from several different media including drums, oily surface water, oil stained soil, and paint chips. The attached sample description table provides great detail of each sample. A sample location map is also attached and provides an approximate location for each sample within the confines of the site.

On July 20, 2010, Illinois EPA delivered the samples to Prairie Analytical Services located in Springfield, Illinois. The results of the sample analysis are attached.

During the inspection, an X-Ray Fluorescence (XRF) spectrum analyzer was used to gather inorganic data from possible lead-based paint within one of the buildings on site. A sample summary table of the XRF results is also attached to this memo.

On July 20, Illinois EPA Bureau of Air personnel collected six samples from suspected asbestos containing material located on the site. The results of the samples indicated the present of asbestos.

The results indicate that conditions at the site would warrant a time-critical removal referral to U.S. EPA Region 5 if it is determined that it is necessary.

Attachments

Sample Description Table
Sample Location Map
Laboratory Data
XRF Sample Results